

INCREMENTAL RAINFALL DEPTH/RETURN PERIOD

| TIME (MIN) | BASINS LESS THAN 5 SQ MILES | | | | | BASINS BETWEEN 5 AND 10 SQ MILES | | | | | BASINS BETWEEN 10 AND 20 SQ MILES | | | | |
|---------------|--------------------------------|-----------------|------------------|------------------|-------------------|-------------------------------------|-----------------|------------------|------------------|-------------------|--------------------------------------|-----------------|------------------|------------------|-------------------|
| | 2 YR (IN) | 5 YR (IN) | 10 YR (IN) | 50 YR (IN) | 100 YR (IN) | 2 YR (IN) | 5 YR (IN) | 10 YR (IN) | 50 YR (IN) | 100 YR (IN) | 2 YR (IN) | 5 YR (IN) | 10 YR (IN) | 50 YR (IN) | 100 YR (IN) |
| 5 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| 10 | 0.04 | 0.05 | 0.06 | 0.08 | 0.08 | 0.04 | 0.05 | 0.06 | 0.08 | 0.08 | 0.04 | 0.05 | 0.06 | 0.08 | 0.08 |
| 15 | 0.08 | 0.12 | 0.14 | 0.12 | 0.12 | 0.08 | 0.12 | 0.14 | 0.12 | 0.12 | 0.08 | 0.12 | 0.14 | 0.12 | 0.12 |
| 20 | 0.16 | 0.22 | 0.25 | 0.19 | 0.22 | 0.15 | 0.21 | 0.25 | 0.19 | 0.22 | 0.14 | 0.20 | 0.25 | 0.19 | 0.22 |
| 25 | 0.25 | 0.36 | 0.42 | 0.35 | 0.38 | 0.24 | 0.35 | 0.40 | 0.34 | 0.36 | 0.23 | 0.32 | 0.38 | 0.32 | 0.34 |
| 30 | 0.14 | 0.10 | 0.20 | 0.59 | 0.68 | 0.13 | 0.17 | 0.19 | 0.57 | 0.65 | 0.13 | 0.16 | 0.18 | 0.53 | 0.61 |
| 35 | 0.06 | 0.08 | 0.09 | 0.28 | 0.38 | 0.06 | 0.08 | 0.09 | 0.27 | 0.36 | 0.06 | 0.08 | 0.09 | 0.25 | 0.34 |
| 40 | 0.05 | 0.06 | 0.07 | 0.19 | 0.22 | 0.05 | 0.06 | 0.07 | 0.19 | 0.22 | 0.05 | 0.06 | 0.07 | 0.19 | 0.22 |
| 45 | 0.03 | 0.05 | 0.06 | 0.12 | 0.17 | 0.03 | 0.05 | 0.06 | 0.12 | 0.17 | 0.03 | 0.05 | 0.06 | 0.12 | 0.17 |
| 50 | 0.03 | 0.05 | 0.05 | 0.12 | 0.14 | 0.03 | 0.05 | 0.05 | 0.12 | 0.14 | 0.03 | 0.05 | 0.05 | 0.12 | 0.14 |
| 55 | 0.03 | 0.04 | 0.05 | 0.08 | 0.11 | 0.03 | 0.04 | 0.05 | 0.08 | 0.11 | 0.03 | 0.04 | 0.05 | 0.08 | 0.11 |
| 60 | 0.03 | 0.04 | 0.05 | 0.08 | 0.11 | 0.03 | 0.04 | 0.05 | 0.08 | 0.11 | 0.03 | 0.04 | 0.05 | 0.08 | 0.11 |
| 65 | 0.03 | 0.04 | 0.05 | 0.08 | 0.11 | 0.03 | 0.04 | 0.05 | 0.08 | 0.11 | 0.03 | 0.04 | 0.05 | 0.08 | 0.11 |
| 70 | 0.02 | 0.04 | 0.05 | 0.06 | 0.05 | 0.02 | 0.04 | 0.05 | 0.06 | 0.05 | 0.02 | 0.04 | 0.05 | 0.06 | 0.05 |
| 75 | 0.02 | 0.03 | 0.05 | 0.06 | 0.05 | 0.02 | 0.03 | 0.05 | 0.06 | 0.05 | 0.02 | 0.03 | 0.05 | 0.06 | 0.05 |
| 80 | 0.02 | 0.03 | 0.04 | 0.04 | 0.03 | 0.02 | 0.03 | 0.04 | 0.04 | 0.03 | 0.02 | 0.03 | 0.04 | 0.04 | 0.03 |
| 85 | 0.02 | 0.03 | 0.03 | 0.04 | 0.03 | 0.02 | 0.03 | 0.03 | 0.04 | 0.03 | 0.02 | 0.03 | 0.03 | 0.04 | 0.03 |
| 90 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| 95 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| 100 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| 105 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 |
| 110 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 |
| 115 | 0.01 | 0.02 | 0.03 | 0.03 | 0.03 | 0.01 | 0.02 | 0.03 | 0.03 | 0.03 | 0.01 | 0.02 | 0.03 | 0.03 | 0.03 |
| 120 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 |
| 125 | | | | | | | | | | | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 |
| 130 | | | | | | | | | | | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 |
| 135 | | | | | | | | | | | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 |
| 140 | | | | | | | | | | | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 |
| 145 | | | | | | | | | | | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 |
| 150 | | | | | | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |
| 155 | | | | | | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 160 | | | | | | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 165 | | | | | | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 170 | | | | | | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 175 | | | | | | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 180 | | | | | | | | | | | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| TOTAL | 1.15 | 1.61 | 1.89 | 2.72 | 3.12 | 1.12 | 1.58 | 1.86 | 2.60 | 3.05 | 1.22 | 1.68 | 1.97 | 2.76 | 3.14 |

N.T.S.

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|  | STANDARDS & SPECIFICATIONS | REVISED: | DESIGN STORMS |
| | | | |
| DATE: | DRAWING NO. | 400-01 | |